

Amendments to the Claims:

Kindly amend claims 1-6 and add new claim 7 as follows.

This listing of claims below will replace all prior versions, and listings, of claims in the application.

Listing of claims:

1. (Currently amended) An ~~a~~Active transponder including:

_____an electronic unit arranged so as to control several applications or operating modes;;

_____an antenna for receiving incoming signals; and

_____an electric power supply connected to said electronic unit in particular a battery, wherein said electronic unit includes:ing

_____a data processing unit;;

_____means for amplifying the incoming signals received by said antenna, and

_____means for validating these incoming signals as a function of their mean induced voltages in said antenna, wherein these validating means suppliesing to said data processing unit a validating signal for the data contained in an first incoming signal when aits mean voltage on anthe input side of theis data processing unit is greater than or equal to a determined reference voltage, wherein the data processing unitit includes means for varying the maximum communication distance to a reader or transceiver as a function of the application selected from said several applications or and/the operating mode selected from said operating modes, wherein these means for varying the maximum communication distance is being arranged to vary the one or both of amplification gain of said amplification means and/or said reference voltage of said validating means.

2. (Currently amended) A transponder according to claim 1, wherein said validating means includes a comparator having a first input and a second input, wherein the first input of which is connected to means supplying the mean induced voltage of the incoming signal, before or after said incoming signal amplifying means for amplifying incoming signals, and of which the second input is connected to means supplying said reference voltage.

3. (Currently amended) A transponder according to claim 2, wherein said reference voltage is variable and defined by a security signal so that theits value of said reference voltage is relatively high when the selected application or operating mode is provided with a high level of security.

a7
4. (Currently amended) A transponder according to claim 2, wherein said reference voltage is fixed, and said amplification gain is being variable and defined by a security signal so that theits value of said amplification gain is relatively low when the selected application or operating mode is provided with a high level of security.

5. (Currently amended) A transponder according to claim 3, wherein said means for varying the maximum communication distance includes a memory in which a security code is stored for each of the applications and/or for each operating mode able to be selected in the transponder, wherein these security codes are being used to generate said security signal.

6. (Currently amended) A transponder according to claim 4, wherein said means for varying the maximum communication distance includes a memory in which a security code is stored for each of the applications and/or for each operating mode able to be selected in the

transponder, wherein these security codes ~~are being~~ used to generate said security signal.

At

7. (NEW) A transponder according to claim 1, wherein the electric power supply is

a battery.
